

SEQUENCE LISTING

<110> ProChon Biotech Ltd.
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<120> METHOD AND COMPOSITION FOR TREATMENT OF SKELETAL DYSPLASIAS

<130> PRO/011/US

<140> US

<141> 2003-09-15

<150> US 60/276,939

<151> 2001-02-20

<150> IL 142118

<151> 2001-02-20

<150> PCT/IL02/00229

<151> 2002-02-20

<160> 71

<170> PatentIn version 3.1

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<212> PRT

<213> Homo sapiens

<300>

<308> P23582

<309> 2001-10-16

<313> (105)..(126)

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Gly	Leu	Ser	Lys	Gly	Cys	Phe	Gly	Leu	Lys	Leu	Asp	Arg	Ile	Gly	Ser
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Met	Ser	Gly	Leu	Gly	Cys
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<213> Homo sapiens

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<309> 2001-10-16

<313> (110)..(126)

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<300>
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<309> 2001-10-16
<313> (123)..(150)

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Pro Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile
1 5 10 15

Gly Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr
20 25

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<313> (103)..(134)

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Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp
1 5 10 15

Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
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 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> X at position 4 is defined as Xaa in the specification and is either Leu (L), Ile (I) or Val (V)

<220>
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 <222> (5)..(5)
 <223> X at position 5 is defined as Xbb in the description and is either Lys (K), Leu (L) or Met (M)

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> X at position 6 is defined as Xcc in the description and is either Leu (L), Ile (I), Ala (A) or Val (V)

<220>
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 <223> X at position 11 is defined as Xdd in the description and is either Ser (S), Ala (A), Gly (G), Thr (T) or Asn (N)

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 <222> (12)..(12)
 <223> X at position 12 is defined as Xee in the description and is either Met (M), Ala (A), Lys (K), Trp (W).

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 <222> (14)..(14)
 <223> X at position 14 is defined as Xff in the description and is either Gly (G), Lys (K), Ala (A) or Leu (L).

<220>
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 <222> (15)..(15)
 <223> X at position 15 is defined as Xgg in the specification and is either Leu (L) or Met (M).

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Cys

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<400> 6

Cys Ala Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 7

Cys Phe Gly Leu Lys Leu Ala Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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Cys Phe Gly Leu Lys Leu Asp Ala Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 9

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<400> 9

Cys Phe Gly Leu Lys Leu Asp Arg Ala Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 10
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<212> PRT
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Ala Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 11

Cys His Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Cys
1 5 10 15

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Cys	His	Phe	Gly	Leu	Lys	Leu	Asp	Arg	Ile	Gly	Ser	Met	Ala	Cys
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<210> 13

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<210> 15

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Cys
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Met Cys
1 5 10

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<400> 18

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Gln Cys
1 5 10

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<400> 19

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Gln Cys
1 5 10

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<400> 20

Cys His Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Cys
1 5 10

<210> 21
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<400> 21

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Cys
1 5 10

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<400> 22

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Cys
1 5 10

<210> 23
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<400> 23

Cys His Phe Gly Leu Lys Leu Asp Arg Ile Cys
1 5 10

<210> 24
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<400> 24

Cys Ala Gly Leu Lys Leu Ala Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 25

Cys Ala Gly Leu Lys Leu Asp Arg Ile Gly Ser Ala Ser Gly Leu Gly
1 5 10 15

Cys

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Cys Phe Gly Leu Lys Leu Ala Arg Ile Gly Ser Ala Ser Gly Leu Gly
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Cys

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<400> 27

Cys Ala Gly Leu Lys Leu Ala Arg Ile Gly Ser Ala Ser Gly Leu Gly
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Cys

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<400> 28

Cys Ile Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 29

Cys Leu Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 30

Cys Met Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
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Cys

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Cys Trp Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
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Cys

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Cys Val Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 33

Cys His Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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Cys Thr Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 35

Cys Phe Gly Leu Lys Leu Glu Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 36
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Cys Phe Gly Leu Lys Leu Gln Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 37
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<400> 37

Cys Phe Gly Leu Lys Leu Asn Arg Ile Gly Ser Met Ser Gly Leu Gly
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Cys

<210> 38

<211> 17

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<400> 38

Cys Phe Gly Leu Lys Leu Ile Arg Ile Gly Ser Met Ser Gly Leu Gly
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Cys

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<211> 17

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<400> 39

Cys Phe Gly Leu Lys Leu Met Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 40

<211> 17

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<400> 40

Cys Phe Gly Ala Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly

1 5 10 15

Cys

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<400> 41

Cys Phe Gly Ile Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 42

Cys Phe Gly Val Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
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Cys

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<400> 43

Cys Phe Gly Leu Leu Leu Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 44

Cys	Phe	Gly	Leu	Met	Leu	Asp	Arg	Ile	Gly	Ser	Met	Ser	Gly	Leu	Gly
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Cys

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<400> 45

Cys	Phe	Gly	Leu	Lys	Ala	Asp	Arg	Ile	Gly	Ser	Met	Ser	Gly	Leu	Gly
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Cys

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<400> 46

Cys	Phe	Gly	Leu	Lys	Ile	Asp	Arg	Ile	Gly	Ser	Met	Ser	Gly	Leu	Gly
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Cys

<210> 47
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<400> 47

Cys Phe Gly Leu Lys Val Asp Arg Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 48
<211> 17
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<400> 48

Cys Phe Gly Leu Lys Leu Asp His Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 49
<211> 17
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<400> 49

Cys Phe Gly Leu Lys Leu Asp Lys Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 50
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<212> PRT
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<400> 50

Cys Phe Gly Leu Lys Leu Asp Gln Ile Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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Cys Phe Gly Leu Lys Leu Asp Arg Leu Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

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<400> 52

Cys Phe Gly Leu Lys Leu Asp Arg Val Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 53
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<400> 53

Cys Phe Gly Leu Lys Leu Asp Arg Thr Gly Ser Met Ser Gly Leu Gly
1 5 10 15

Cys

<210> 54
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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ala Met Ser Gly Leu Gly
1 5 10 15

Cys

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Gly Met Ser Gly Leu Gly
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Cys

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Thr Met Ser Gly Leu Gly
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Cys

<210> 57

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Asn Met Ser Gly Leu Gly
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Cys

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<400> 58

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Ala Leu Gly
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Cys

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Leu Leu Gly

1 5 10 15

Cys

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Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Lys Leu Gly
1 5 10 15

Cys

<210> 61
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<400> 61

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Gln Gly
1 5 10 15

Cys

<210> 62
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<220>
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<400> 62

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Met Gly
1 5 10 15

Cys

<210> 63
<211> 17
<212> PRT
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<220>
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<400> 63

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Ala Gly
1 5 10 15

Cys

<210> 64
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<400> 64

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Met Ser Gly Gly Gly
1 5 10 15

Cys

<210> 65
<211> 17
<212> PRT
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<400> 65

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Trp Ser Gly Leu Gly
1 5 10 15

Cys

<210> 66
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<212> PRT
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<220>
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<400> 66

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser His Ser Gly Leu Gly
1 5 10 15

Cys

<210> 67
<211> 17
<212> PRT
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<220>
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<400> 67

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Lys Ser Gly Leu Gly
1 5 10 15

Cys

<210> 68
<211> 17
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<213> Artificial Sequence

<220>
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<400> 68

Cys Phe Gly Leu Lys Leu Asp Arg Ile Gly Ser Ser Ser Gly Leu Gly
1 5 10 15

Cys

<210> 69
<211> 17

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<220>
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<400> 69

Cys	Phe	Gly	Leu	Lys	Leu	Asp	Arg	Ile	Gly	Ser	Gly	Ser	Gly	Leu	Gly
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Cys

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<400> 70

Cys	His	Gly	Leu	Lys	Leu	Asp	Arg	Ile	Gly	Ser	Ala	Ser	Gly	Leu	Gly
1				5					10					15	

Cys

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<400> 71

Cys	Thr	Gly	Leu	Lys	Leu	Asp	Arg	Ile	Gly	Ser	Ala	Ser	Gly	Leu	Gly
1				5					10					15	

Cys